

"PATENT"

**AMENDMENT TRANSMITTAL FORM****RECEIVED  
CENTRAL FAX CENTER****APR 17 2007**

In re application of: Ramesh Varadaraj, et al.  
 U. S. Serial No.: 10/574,764  
 International Application No. PCT/US04/32223  
 International Application Filing Date: 10/01/2004  
 For: SURFACTANT ENHANCED FLUID CATALYTIC  
 CRACKING PROCESS

) Before the Examiner  
 ) Not Yet Assigned  
 )  
 ) Confirmation Number: 2493  
 )  
 ) Family Number: P2003J083

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the  
 Commissioner for Patents facsimile number 1-571-273-8300 on the date shown below.

Diane Stracka*Diane Stracka*4/17/07

Type or print name of person signing certification

Signature

Date

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$\_\_\_\_\_ to extend the time for filing this response until \_\_\_\_\_.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extn	(6) Rate	(7)
Total Claims	*	Minus	**		x 50.00	
Indep. Claims	*	Minus	***		x 200.00	
MULTIPLE DEPENDENT CLAIM FEE					\$ 360.00	
FEE FOR CLAIM CHANGES						

- \* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this SUBMISSION OF DECLARATION, including claim changes and any extension of time is calculated to be \$\_\_\_\_\_.

☒ Charge \$\_\_\_\_\_ to DEPOSIT ACCOUNT NO. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to DEPOSIT ACCOUNT NO. 05-1330.

04/17/2007  
 DATE OF SIGNATURE

Post Office Address: [to which correspondence is to be sent]  
 ExxonMobil Research and Engineering Company  
 P. O. Box 900  
 Annandale, New Jersey 08801-0900

*Bruce M. Bordelon*  
 ATTORNEY OR AGENT OF RECORD

BRUCE M. BORDELON

Registration No. 59,789

☒ Pursuant to 37 CFR 1.34(a)

Facsimile Number: (908) 730-3649



27810

PATENT TRADEMARK OFFICE

"PATENT"

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 17 2007

In re Application of  
Ramesh Varadaraj, et al.  
U. S. Serial No. 10/574,764

) Before the Examiner  
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International Application No.: PCT/US04/32223  
International Application Filing Date: 10/1/2004

) Confirmation Number: 2493  
)

SURFACTANT ENHANCED FLUID CATALYTIC  
CRACKING PROCESS

) Group Art Unit:  
) Family Number: P2003J083  
)

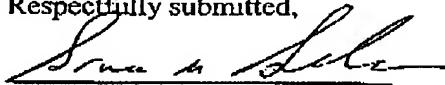
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

SUBMISSION OF DECLARATION

Attached hereto please find a Declaration for the patent application referenced above, which is being submitted in response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) dated February 21, 2007.

Respectfully submitted,



Bruce M. Bordelon  
Attorney for Applicant(s)  
Registration No. 59,789  
Telephone Number: (908) 730-3210  
Facsimile Number: (908) 730-3649

☒ Pursuant to 37 CFR 1.34(a)

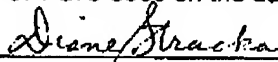
ExxonMobil Research and Engineering Company  
P. O. Box 900  
Annandale, New Jersey 08801-0900  
PEP:dws April 17, 2007

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Diane Stracka

Type or print name of person signing certification



Signature

4/17/07

Date



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PATENT TRADEMARK OFFICE



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address COMMISSIONER FOR PATENTS  
P.O. Box 1420  
Alexandria, Virginia 22313-1420  
www.uspto.gov

U.S. APPLICATION NUMBER NO	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/574,764	Ramesh Varadaraj	P2003J083-WO

INTERNATIONAL APPLICATION NO.

PCT/US04/32223

I.A. FILING DATE

10/01/2004

PRIORITY DATE

10/10/2003

27810

ExxonMobil Research &amp; Engineering Company

P.O. Box 900

1545 Route 22 East

Annandale, NJ 08801-0900

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FEB 23 2007

EMRE LAW DEPT  
RMT

CONFIRMATION NO. 2493

371 FORMALITIES LETTER

\*OC000000022562333\*

Date Mailed: 02/21/2007

*Reply due April 21, 2007*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/04/2006
- Copy of the International Search Report filed on 04/04/2006
- Request for Immediate Examination filed on 04/04/2006
- U.S. Basic National Fees filed on 04/04/2006
- Priority Documents filed on 04/04/2006
- Specification filed on 04/04/2006
- Claims filed on 04/04/2006
- Abstracts filed on 04/04/2006
- Drawings filed on 04/04/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the Inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/574,764	PCT/US04/32223	P2003J083-WO

FORM PCT/DO/EO/905 (371 Formalities Notice)